US ERA ARCHIVE DOCUMENT

Carter Carburetor Weekly Air Monitoring & Sampling Report March 30, 2015 – April 5, 2015

| Carter Carburetor Daily Weather Conditions | | | | | | | | | |
|--|----------------------------|-----------------------------|-------------------------------|---------------------------|----------------------------|------------------------------|----------------------------|--|--|
| | Monday 3/30/2015 | Tuesday 3/31/2015 | Wednesday 4/01/2015 | Thursday 4/02/2015 | Friday 4/03/2015 | Saturday 4/04/2015 | Sunday 4/05/2015 | | |
| Temperature (range) ¹ | 38-72 | 50-77 | 50-78 | 61-75 | 42-61 | 32-63 | 43-69 | | |
| Wind Speed (peak & average) ² | 17.0 / 6.0 | 21.9 / 6.3 | 32.0 / 12.5 | 29.1 / 9.2 | 36.9 / 13.9 | 17.0 / 5.8 | 25.1 / 10.1 | | |
| Wind Direction (predominant) | SW | SW | SE | SW | N | S | S | | |
| Precipitation (total) ³ | 0.00 | 0.00 | 0.00 | 0.61 | 0.30 | 0.00 | 0.00 | | |

| Carter Carburetor Daily Work Activities (No site activities this week) | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| Monday Tuesday Wednesday Thursday Friday Saturday | | | | | | | | |
| Site Activity | 3/30/2015 | 3/31/2015 | 4/01/2015 | 4/02/2015 | 4/03/2015 | 4/04/2015 | 4/05/2015 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Daily Air Monitoring and Sampling Results

| Air Monitoring / Sampling Results - Station 1 (Results reported in μg/m³) | | | | | | | | | |
|---|---------------|-----------------------------------|---|-----------|-----------|-----------|-----------|-----------|------------------|
| | Type of | Standard / | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| Parameter | Analysis | Action Level | 3/30/2015 | 3/31/2015 | 4/01/2015 | 4/02/2015 | 4/03/2015 | 4/04/2015 | 4/05/2015 |
| PM ₁₀ (24-hour TWA) | Real- time | 150 μg/m³ (NAAQS) | | | | | | | |
| Lead (in air sample) | Lab | 0.15 μg/m ³ (NAAQS) | | | | | | | |
| Comments | | | No laboratory samples collected after Wednesday, 3/25/2015, and air monitoring was suspended on 3/28/2015, due to a temporary cha in site activities. Air monitoring is to start again in 1 to 2 weeks. | | | | | | temporary change |

| Air Monitoring / Sampling Results - Station 2 (Results reported in μg/m³) | | | | | | | | | |
|---|--|-----------------------|--|-----------|-----------|-----------|-----------|------------------|-----------|
| | Type of | Standard / | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| Parameter | Analysis | Action Level | 3/30/2015 | 3/31/2015 | 4/01/2015 | 4/02/2015 | 4/03/2015 | 4/04/2015 | 4/05/2015 |
| PM ₁₀ | Real- | 150 μg/m ³ | | | | | | | |
| (24-hour TWA) | time | (NAAQS) | | | | | | | |
| Lead | | $0.15 \mu g/m^3$ | | | | | | | |
| (in air sample) | Lab | (NAAQS) | | | | | | | |
| | No laboratory samples collected after Wednesday, 3/25/2015, and air monitoring was suspended on 3/28/2015, due to a temporary change | | | | | | | temporary change | |
| Comments | | in site activitie | site activities. Air monitoring is to start again in 1 to 2 weeks. | | | | | | |

Carter Carburetor Weekly Air Monitoring & Sampling Report March 30, 2015 – April 5, 2015

| Air Monitoring / Sampling Results - Station 3 (Results reported in μg/m³) | | | | | | | | | |
|---|---|-----------------------|---|-----------|-----------|-----------|-----------|------------------|-----------|
| | Type of | Standard / | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| Parameter | Analysis | Action Level | 3/30/2015 | 3/31/2015 | 4/01/2015 | 4/02/2015 | 4/03/2015 | 4/04/2015 | 4/05/2015 |
| PM ₁₀ | Real- | 150 μg/m ³ | | | | | | | |
| (24-hour TWA) | time | (NAAQS) | | | | | | | |
| Lead | | $0.15 \mu g/m^3$ | | | | | | | |
| (in air sample) | Lab | (NAAQS) | | | | | | | |
| | No laboratory samples collected after Wednesday, 3/25/2015, and air monitoring was suspended on 3/28/2015, due to a temporary chang | | | | | | | temporary change | |
| Comments | | in site activitie | ite activities. Air monitoring is to start again in 1 to 2 weeks. | | | | | | |

| Air Monitoring / Sampling Results - Station 4 (Results reported in μg/m³) | | | | | | | | | |
|---|---------------------|-----------------------------------|-------------------------|-----------------------------|-------------------------------|------------------------------|---------------------|------------------------------|----------------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 3/30/2015 | Tuesday 3/31/2015 | Wednesday 4/01/2015 | Thursday 4/02/2015 | Friday 4/03/2015 | Saturday 4/04/2015 | Sunday 4/05/2015 |
| PM ₁₀ (24-hour TWA) | Real- time | 150 μg/m³ (NAAQS) | | | | | | | |
| Lead (in air sample) | Lab | 0.15 μg/m ³ (NAAQS) | | | | | | | |
| No laboratory samples collected after Wednesday, 3/25/2015, and air monitoring was suspended on 3/28/2015, due to a temporary in site activities. Air monitoring is to start again in 1 to 2 weeks. | | | | | | | temporary change | | |

Legend:

| No shading – indicates TWA | |
|-----------------------------------|--|
| readings less than the applicable | |
| standard/action level | |

Yellow shading – indicates a 1-hour TWA exceeded the applicable standard/action level, but the 24-hour TWA was below the standard/action level; initiate investigation

Red shading – indicates the 24-hour TWA exceeded the applicable standard/action level; initiate corrective action

Orange shading – indicates no data are available

NAAQS - National Ambient Air Quality Standard

PM₁₀ – Particulate matter less than 10 microns in size

TWA – Time-weighted average (average of data collected from 12:00 AM to 12:00 AM)

μg/m³ – Micrograms per cubic meter

¹Temperature reported in degrees Fahrenheit

² Wind speed reported in miles per hour

³ Precipitation reported in inches

